

**TDMS No.** 96015 - 06  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
**CAS Number:** 3252-43-5

**Date Report Reqsted:** 07/11/2006  
**Time Report Reqsted:** 07:41:52  
**First Dose M/F:** 08/22/01 / 08/22/01  
**Lab:** SRI

F1\_M3

**C Number:** C96015  
**Lock Date:** 04/30/2004  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL

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Date Report Requested: 07/11/2006  
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B6C3F1 MICE MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Disposition Summary</b>				
Animals Initially in Study	50	50	50	50
Early Deaths				
Accidently Killed				1
Moribund Sacrifice	4	5	2	3
Natural Death	6	5	13	4
Survivors				
Terminal Sacrifice	40	40	35	42
Animals Examined Microscopically	50	50	50	50
<b>ALIMENTARY SYSTEM</b>				
Intestine Large, Cecum	(48)	(48)	(48)	(50)
Edema		5 (10%)		4 (8%)
Inflammation, Chronic		1 (2%)		
Intestine Large, Colon	(50)	(50)	(50)	(50)
Cyst	1 (2%)			
Intestine Small, Duodenum	(47)	(48)	(47)	(49)
Hemorrhage	1 (2%)			
Intestine Small, Ileum	(47)	(50)	(48)	(49)
Intestine Small, Jejunum	(47)	(49)	(48)	(49)
Hyperplasia, Lymphoid	1 (2%)	2 (4%)		
Liver	(50)	(50)	(50)	(50)
Basophilic Focus	2 (4%)	3 (6%)	4 (8%)	1 (2%)
Clear Cell Focus	27 (54%)	23 (46%)	20 (40%)	16 (32%)
Cyst		2 (4%)		
Eosinophilic Focus	7 (14%)	8 (16%)	8 (16%)	10 (20%)
Hematopoietic Cell Proliferation		1 (2%)		
Hemorrhage		2 (4%)		
Infiltration Cellular, Mixed Cell	1 (2%)	4 (8%)	1 (2%)	
Inflammation, Chronic		1 (2%)		
Mixed Cell Focus	2 (4%)	4 (8%)	4 (8%)	4 (8%)
Necrosis, Focal	3 (6%)	1 (2%)	6 (12%)	3 (6%)
Centrilobular, Necrosis	2 (4%)	2 (4%)	2 (4%)	
Hepatocyte, Vacuolization Cytoplasmic	12 (24%)	6 (12%)	7 (14%)	2 (4%)
Mesentery	(12)	(12)	(5)	(2)
Hemorrhage			1 (20%)	1 (50%)
Fat, Necrosis	9 (75%)	10 (83%)	4 (80%)	

a - Number of animals examined microscopically at site and number of animals with lesion

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B6C3F1 MICE MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Pancreas	(50)	(50)	(50)	(50)
Cyst	1 (2%)			
Salivary Glands	(50)	(50)	(50)	(50)
Atrophy	1 (2%)			1 (2%)
Hyperplasia, Lymphoid	7 (14%)	1 (2%)	3 (6%)	2 (4%)
Inflammation, Suppurative			1 (2%)	
Inflammation, Chronic Active	1 (2%)			
Necrosis				2 (4%)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Edema	1 (2%)			
Erosion		1 (2%)		
Ulcer	1 (2%)		1 (2%)	1 (2%)
Epithelium, Hyperplasia	1 (2%)	4 (8%)	1 (2%)	6 (12%)
Stomach, Glandular	(50)	(49)	(50)	(50)
Cyst			1 (2%)	1 (2%)
Erosion	1 (2%)	1 (2%)	4 (8%)	
Necrosis				1 (2%)
Glands, Hyperplasia	1 (2%)			
Tooth	(3)	(0)	(1)	(0)
Malformation	2 (67%)		1 (100%)	

**CARDIOVASCULAR SYSTEM**

Blood Vessel	(0)	(1)	(0)	(0)
Aorta, Inflammation, Chronic		1 (100%)		
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy		1 (2%)	1 (2%)	1 (2%)
Inflammation, Acute	1 (2%)	1 (2%)		
Inflammation, Chronic	2 (4%)	1 (2%)	1 (2%)	2 (4%)
Mineralization	3 (6%)	4 (8%)	2 (4%)	
Thrombosis	1 (2%)	1 (2%)	1 (2%)	

**ENDOCRINE SYSTEM**

Adrenal Cortex	(50)	(50)	(50)	(50)
Accessory Adrenal Cortical Nodule	5 (10%)	4 (8%)	5 (10%)	1 (2%)
Hyperplasia, Focal	1 (2%)	3 (6%)	2 (4%)	4 (8%)
Hypertrophy, Focal	12 (24%)	11 (22%)	3 (6%)	5 (10%)
Subcapsular, Hyperplasia	7 (14%)	7 (14%)	7 (14%)	2 (4%)
Adrenal Medulla	(49)	(49)	(50)	(50)

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B6C3F1 MICE MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Hyperplasia	1 (2%)		1 (2%)	3 (6%)
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia	27 (54%)	35 (70%)	24 (48%)	13 (26%)
Parathyroid Gland	(35)	(28)	(37)	(26)
Cyst		1 (4%)	1 (3%)	1 (4%)
Pituitary Gland	(49)	(50)	(50)	(50)
Pars Distalis, Cyst		3 (6%)	2 (4%)	
Pars Distalis, Hyperplasia, Focal	1 (2%)	1 (2%)		1 (2%)
Thyroid Gland	(50)	(50)	(50)	(50)
Follicle, Cyst	1 (2%)	3 (6%)	5 (10%)	
Follicle, Degeneration, Focal	7 (14%)	14 (28%)	8 (16%)	10 (20%)
Follicular Cell, Hyperplasia	14 (28%)	20 (40%)	15 (30%)	11 (22%)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Epididymis	(50)	(50)	(50)	(50)
Atrophy	1 (2%)			
Fibrosis			1 (2%)	
Granuloma Sperm		1 (2%)	1 (2%)	
Inflammation, Chronic			1 (2%)	1 (2%)
Preputial Gland	(49)	(50)	(50)	(50)
Cyst	13 (27%)	14 (28%)	4 (8%)	7 (14%)
Inflammation, Chronic	17 (35%)	15 (30%)	10 (20%)	11 (22%)
Prostate	(50)	(50)	(50)	(50)
Inflammation, Chronic	1 (2%)	2 (4%)	3 (6%)	
Epithelium, Hyperplasia			2 (4%)	
Seminal Vesicle	(50)	(50)	(50)	(50)
Degeneration	1 (2%)	2 (4%)	2 (4%)	2 (4%)
Inflammation, Chronic		3 (6%)	2 (4%)	1 (2%)
Testes	(50)	(50)	(50)	(50)
Mineralization	1 (2%)			
Germinal Epithelium, Atrophy	9 (18%)	6 (12%)	4 (8%)	6 (12%)

HEMATOPOIETIC SYSTEM

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B6C3F1 MICE MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Bone Marrow	(50)	(50)	(50)	(50)
Hyperplasia	21 (42%)	15 (30%)	18 (36%)	14 (28%)
Lymph Node	(0)	(2)	(1)	(0)
Iliac, Hyperplasia, Lymphoid		1 (50%)		
Lymph Node, Mandibular	(46)	(49)	(45)	(45)
Atrophy			2 (4%)	1 (2%)
Ectasia		1 (2%)		
Hyperplasia, Lymphoid	5 (11%)	7 (14%)	7 (16%)	3 (7%)
Pigmentation		3 (6%)	3 (7%)	1 (2%)
Lymph Node, Mesenteric	(48)	(48)	(47)	(50)
Atrophy	2 (4%)	3 (6%)	2 (4%)	6 (12%)
Ectasia		2 (4%)		1 (2%)
Hematopoietic Cell Proliferation	3 (6%)	2 (4%)	2 (4%)	3 (6%)
Hemorrhage	3 (6%)	4 (8%)	3 (6%)	8 (16%)
Hyperplasia, Lymphoid	4 (8%)	5 (10%)	1 (2%)	3 (6%)
Pigmentation				1 (2%)
Spleen	(50)	(50)	(50)	(50)
Fibrosis				1 (2%)
Hematopoietic Cell Proliferation	18 (36%)	20 (40%)	22 (44%)	20 (40%)
Hyperplasia, Lymphoid				1 (2%)
Lymphoid Follicle, Atrophy	2 (4%)		2 (4%)	2 (4%)
Lymphoid Follicle, Hyperplasia	5 (10%)	4 (8%)	1 (2%)	1 (2%)
Red Pulp, Atrophy, Focal	1 (2%)			
Thymus	(44)	(47)	(43)	(47)
Atrophy	9 (20%)	7 (15%)	9 (21%)	7 (15%)
Cyst	5 (11%)	8 (17%)	6 (14%)	1 (2%)
Hyperplasia, Lymphoid		1 (2%)		1 (2%)
INTEGUMENTARY SYSTEM				
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion	1 (2%)	1 (2%)	1 (2%)	
Inflammation, Chronic			2 (4%)	
Metaplasia, Osseous		1 (2%)		
Ulcer			1 (2%)	1 (2%)
Epidermis, Hyperplasia		1 (2%)	3 (6%)	
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)

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B6C3F1 MICE MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Cranium, Osteopetrosis	1 (2%)	1 (2%)	1 (2%)	
Skeletal Muscle	(0)	(0)	(2)	(0)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Compression	1 (2%)		1 (2%)	
Hemorrhage		2 (4%)		
Necrosis	1 (2%)	2 (4%)	1 (2%)	
Peripheral Nerve	(1)	(1)	(1)	(0)
Atrophy	1 (100%)			
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Foreign Body			1 (2%)	
Hemorrhage	1 (2%)	2 (4%)	2 (4%)	1 (2%)
Hyperplasia, Lymphoid		1 (2%)		
Infiltration Cellular, Histocyte	4 (8%)	11 (22%)	6 (12%)	6 (12%)
Infiltration Cellular, Polymorphonuclear				1 (2%)
Metaplasia, Osseous		1 (2%)		
Thrombosis				1 (2%)
Alveolar Epithelium, Hyperplasia	2 (4%)	6 (12%)	3 (6%)	3 (6%)
Nose	(50)	(50)	(50)	(50)
Inflammation, Chronic	1 (2%)	1 (2%)		1 (2%)
SPECIAL SENSES SYSTEM				
Ear	(0)	(1)	(0)	(0)
Eye	(50)	(50)	(50)	(50)
Atrophy			1 (2%)	
Cataract		3 (6%)	1 (2%)	
Inflammation, Chronic	2 (4%)	1 (2%)		
Cornea, Hyperplasia	2 (4%)			
Retina, Degeneration		2 (4%)	1 (2%)	
Harderian Gland	(50)	(50)	(50)	(50)
Cyst			1 (2%)	
Hyperplasia, Focal		2 (4%)		

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B6C3F1 MICE MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(50)
Casts Granular			1 (2%)	
Infarct	7 (14%)	7 (14%)	10 (20%)	7 (14%)
Inflammation			1 (2%)	
Inflammation, Suppurative		1 (2%)	1 (2%)	
Metaplasia, Osseous	5 (10%)	1 (2%)	4 (8%)	4 (8%)
Nephropathy	47 (94%)	46 (92%)	47 (94%)	48 (96%)
Glomerulus, Dilatation			1 (2%)	
Glomerulus, Hyalinization			1 (2%)	
Pelvis, Dilatation		1 (2%)	3 (6%)	3 (6%)
Pelvis, Inflammation		1 (2%)		1 (2%)
Renal Tubule, Accumulation, Hyaline Droplet			1 (2%)	
Renal Tubule, Cyst	11 (22%)	13 (26%)	8 (16%)	2 (4%)
Renal Tubule, Hyperplasia		1 (2%)	1 (2%)	1 (2%)
Renal Tubule, Hypertrophy		1 (2%)	2 (4%)	
Renal Tubule, Pigmentation		2 (4%)		1 (2%)
Urethra	(0)	(0)	(0)	(1)
Inflammation, Chronic				1 (100%)
Urinary Bladder	(50)	(50)	(50)	(50)
Calculus Micro Observation Only			1 (2%)	
Hemorrhage				2 (4%)
Inflammation, Chronic		1 (2%)	1 (2%)	2 (4%)
Transitional Epithelium, Hyperplasia		2 (4%)	1 (2%)	1 (2%)

\*\*\* END OF MALE \*\*\*

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B6C3F1 MICE FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>Disposition Summary</b>				
Animals Initially in Study	50	50	50	50
Early Deaths				
Accidently Killed		3	3	
Moribund Sacrifice	3	5		1
Natural Death	11	6	4	2
Survivors				
Natural Death	1		1	1
Terminal Sacrifice	35	36	42	46
Animals Examined Microscopically	50	50	50	50
<b>ALIMENTARY SYSTEM</b>				
Gallbladder	(46)	(49)	(49)	(45)
Cyst				1 (2%)
Intestine Large, Cecum	(46)	(47)	(48)	(48)
Edema	1 (2%)	1 (2%)		
Ulcer	1 (2%)			
Intestine Small, Duodenum	(47)	(47)	(47)	(50)
Erosion	1 (2%)			
Ulcer		1 (2%)		
Intestine Small, Ileum	(47)	(47)	(49)	(50)
Intestine Small, Jejunum	(45)	(47)	(49)	(50)
Inflammation, Suppurative	1 (2%)			
Peyer's Patch, Necrosis		1 (2%)		
Liver	(50)	(50)	(50)	(50)
Angiectasis			1 (2%)	
Basophilic Focus	2 (4%)	5 (10%)	3 (6%)	1 (2%)
Clear Cell Focus	4 (8%)	1 (2%)	2 (4%)	5 (10%)
Cyst	1 (2%)	1 (2%)		1 (2%)
Eosinophilic Focus	6 (12%)	12 (24%)	1 (2%)	4 (8%)
Hematopoietic Cell Proliferation	3 (6%)	2 (4%)	3 (6%)	1 (2%)
Hemorrhage	1 (2%)	2 (4%)		1 (2%)
Infiltration Cellular, Lymphoid				1 (2%)
Infiltration Cellular, Mixed Cell	7 (14%)	6 (12%)	4 (8%)	7 (14%)
Mixed Cell Focus			1 (2%)	2 (4%)
Necrosis	2 (4%)	5 (10%)		1 (2%)
Necrosis, Focal	2 (4%)			

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B6C3F1 MICE FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Tension Lipidosis			1 (2%)	
Centrilobular, Atrophy, Hepatocyte			1 (2%)	
Centrilobular, Necrosis	2 (4%)	1 (2%)		
Hepatocyte, Vacuolization Cytoplasmic	6 (12%)	7 (14%)	2 (4%)	2 (4%)
Mesentery	(12)	(13)	(15)	(7)
Hemorrhage	1 (8%)			1 (14%)
Infiltration Cellular, Lymphoid			1 (7%)	
Fat, Necrosis	8 (67%)	10 (77%)	10 (67%)	4 (57%)
Pancreas	(49)	(50)	(48)	(50)
Atrophy	1 (2%)	1 (2%)		2 (4%)
Cyst		2 (4%)		1 (2%)
Inflammation, Chronic			1 (2%)	
Salivary Glands	(50)	(50)	(50)	(50)
Atrophy			2 (4%)	1 (2%)
Hyperplasia, Lymphoid	8 (16%)	10 (20%)	9 (18%)	10 (20%)
Infiltration Cellular, Lymphoid				1 (2%)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Diverticulum	1 (2%)			3 (6%)
Inflammation, Chronic	1 (2%)			1 (2%)
Ulcer	4 (8%)	1 (2%)		
Epithelium, Hyperplasia	8 (16%)	5 (10%)	4 (8%)	4 (8%)
Epithelium, Hyperplasia, Lymphoid	1 (2%)			
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion	2 (4%)	1 (2%)	1 (2%)	
Hyperplasia	1 (2%)			
Metaplasia, Squamous			1 (2%)	
Ulcer			1 (2%)	
Epithelium, Degeneration	1 (2%)			
Epithelium, Dysplasia	1 (2%)			
Tooth	(0)	(1)	(0)	(0)
CARDIOVASCULAR SYSTEM				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	2 (4%)	1 (2%)		1 (2%)
Inflammation, Chronic				1 (2%)
Mineralization	2 (4%)	1 (2%)	1 (2%)	
Thrombosis		1 (2%)	1 (2%)	

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B6C3F1 MICE FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(50)	(50)	(50)	(50)
Accessory Adrenal Cortical Nodule	8 (16%)	9 (18%)	10 (20%)	11 (22%)
Infiltration Cellular, Lymphoid				1 (2%)
Vacuolization Cytoplasmic				1 (2%)
Subcapsular, Hyperplasia	1 (2%)			3 (6%)
Adrenal Medulla	(50)	(49)	(50)	(50)
Hyperplasia	1 (2%)	1 (2%)		5 (10%)
Islets, Pancreatic	(49)	(50)	(48)	(50)
Hyperplasia	2 (4%)	1 (2%)	2 (4%)	2 (4%)
Parathyroid Gland	(25)	(19)	(29)	(25)
Cyst		1 (5%)	1 (3%)	1 (4%)
Pituitary Gland	(48)	(49)	(48)	(49)
Pars Distalis, Angiectasis		1 (2%)	1 (2%)	
Pars Distalis, Cyst	1 (2%)		2 (4%)	2 (4%)
Pars Distalis, Hyperplasia				1 (2%)
Pars Distalis, Hyperplasia, Focal	5 (10%)	9 (18%)	6 (13%)	10 (20%)
Thyroid Gland	(49)	(50)	(50)	(50)
Follicle, Cyst	3 (6%)	2 (4%)	1 (2%)	3 (6%)
Follicle, Degeneration, Focal	15 (31%)	17 (34%)	22 (44%)	19 (38%)
Follicular Cell, Hyperplasia	11 (22%)	13 (26%)	12 (24%)	6 (12%)
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
Clitoral Gland	(47)	(49)	(50)	(49)
Inflammation, Chronic				1 (2%)
Ovary	(50)	(46)	(47)	(48)
Angiectasis		1 (2%)	2 (4%)	2 (4%)
Cyst	14 (28%)	13 (28%)	13 (28%)	16 (33%)
Hemorrhage	5 (10%)	4 (9%)	5 (11%)	5 (10%)
Hyperplasia, Tubular, Focal			1 (2%)	
Corpus Luteum, Hyperplasia				1 (2%)
Granulosa Cell, Hyperplasia			1 (2%)	
Thecal Cell, Hyperplasia				1 (2%)

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B6C3F1 MICE FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Uterus	(50)	(50)	(50)	(50)
Angiectasis	1 (2%)	2 (4%)	2 (4%)	1 (2%)
Inflammation, Chronic	1 (2%)	1 (2%)		
Pigmentation		1 (2%)		1 (2%)
Endometrium, Fibrosis		1 (2%)		
Endometrium, Hyperplasia, Cystic	45 (90%)	43 (86%)	45 (90%)	49 (98%)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Angiectasis	1 (2%)			
Hemorrhage			1 (2%)	
Hyperplasia	15 (30%)	10 (20%)	12 (24%)	8 (16%)
Hyperplasia, Histiocytic				1 (2%)
Lymph Node	(11)	(9)	(6)	(3)
Iliac, Ectasia		1 (11%)		
Iliac, Hematopoietic Cell Proliferation			1 (17%)	
Iliac, Hemorrhage	1 (9%)			
Iliac, Hyperplasia, Lymphoid	1 (9%)	1 (11%)	1 (17%)	
Inguinal, Hyperplasia, Lymphoid			1 (17%)	
Mediastinal, Hyperplasia, Lymphoid	2 (18%)		1 (17%)	
Renal, Hemorrhage	1 (9%)			
Renal, Hyperplasia, Lymphoid		1 (11%)	1 (17%)	
Lymph Node, Mandibular	(48)	(50)	(49)	(49)
Ectasia		1 (2%)		
Hematopoietic Cell Proliferation			1 (2%)	
Hemorrhage			1 (2%)	2 (4%)
Hyperplasia, Lymphoid	6 (13%)	3 (6%)	8 (16%)	5 (10%)
Pigmentation	9 (19%)	14 (28%)	8 (16%)	5 (10%)
Lymph Node, Mesenteric	(48)	(49)	(49)	(50)
Atrophy		2 (4%)		1 (2%)
Ectasia		1 (2%)		
Hematopoietic Cell Proliferation	1 (2%)	1 (2%)	1 (2%)	2 (4%)
Hemorrhage	3 (6%)	3 (6%)		1 (2%)
Hyperplasia, Lymphoid	3 (6%)	6 (12%)	4 (8%)	5 (10%)
Spleen	(48)	(50)	(48)	(50)
Hematopoietic Cell Proliferation	33 (69%)	32 (64%)	26 (54%)	25 (50%)
Pigmentation	3 (6%)	1 (2%)		
Lymphoid Follicle, Atrophy		3 (6%)		
Lymphoid Follicle, Hyperplasia	14 (29%)	18 (36%)	21 (44%)	25 (50%)

TDMS No. 96015 - 06  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
CAS Number: 3252-43-5

Date Report Requested: 07/11/2006  
Time Report Requested: 07:41:52  
First Dose M/F: 08/22/01 / 08/22/01  
Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Thymus	(46)	(47)	(50)	(49)
Atrophy	4 (9%)	5 (11%)	5 (10%)	2 (4%)
Cyst		1 (2%)	2 (4%)	
Hyperplasia, Lymphoid	6 (13%)	1 (2%)	7 (14%)	6 (12%)
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(49)	(50)
Hyperplasia	6 (12%)	2 (4%)	2 (4%)	2 (4%)
Skin	(50)	(50)	(50)	(50)
Edema		1 (2%)		
Inflammation, Chronic		2 (4%)	1 (2%)	
Ulcer	1 (2%)	1 (2%)		
Epidermis, Hyperplasia		3 (6%)	1 (2%)	
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Myelofibrosis	2 (4%)	2 (4%)	1 (2%)	1 (2%)
Cranium, Osteopetrosis	1 (2%)			
Skeletal Muscle	(2)	(4)	(1)	(0)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Compression	1 (2%)	1 (2%)		1 (2%)
Cyst Epithelial Inclusion			1 (2%)	1 (2%)
Hemorrhage		1 (2%)	1 (2%)	
Necrosis	1 (2%)			
Peripheral Nerve	(2)	(2)	(0)	(0)
Atrophy	1 (50%)	1 (50%)		
Inflammation, Chronic	1 (50%)			
Spinal Cord	(2)	(2)	(0)	(0)
Necrosis		1 (50%)		
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Hemorrhage	3 (6%)	3 (6%)	1 (2%)	3 (6%)

TDMS No. 96015 - 06  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
 WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)  
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 First Dose M/F: 08/22/01 / 08/22/01  
 Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Hyperplasia, Lymphoid	2 (4%)	1 (2%)	1 (2%)	3 (6%)
Infiltration Cellular, Histiocyte	5 (10%)	7 (14%)		5 (10%)
Alveolar Epithelium, Hyperplasia	2 (4%)	1 (2%)		
Nose	(50)	(50)	(50)	(50)
Foreign Body	2 (4%)	1 (2%)		
Hemorrhage	1 (2%)			
Inflammation, Chronic	1 (2%)	1 (2%)		
SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(50)	(49)
Atrophy		1 (2%)		
Cataract				2 (4%)
Inflammation, Chronic			2 (4%)	2 (4%)
Cornea, Hyperplasia			2 (4%)	2 (4%)
Retina, Degeneration	1 (2%)		2 (4%)	2 (4%)
Harderian Gland	(50)	(50)	(50)	(50)
Hyperplasia, Focal	2 (4%)	1 (2%)	1 (2%)	
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(50)
Casts Granular			1 (2%)	1 (2%)
Infarct	6 (12%)	8 (16%)	7 (14%)	4 (8%)
Inflammation, Suppurative			1 (2%)	
Inflammation, Chronic		4 (8%)		
Metaplasia, Osseous	1 (2%)	1 (2%)	2 (4%)	1 (2%)
Nephropathy	9 (18%)	7 (14%)	3 (6%)	7 (14%)
Pelvis, Dilatation	1 (2%)		1 (2%)	
Renal Tubule, Accumulation, Hyaline Droplet	1 (2%)	1 (2%)	1 (2%)	
Renal Tubule, Cyst	1 (2%)		1 (2%)	1 (2%)
Renal Tubule, Pigmentation	1 (2%)			
Urinary Bladder	(50)	(50)	(50)	(50)
Inflammation, Chronic	4 (8%)	5 (10%)	7 (14%)	4 (8%)

\*\*\* END OF REPORT \*\*\*